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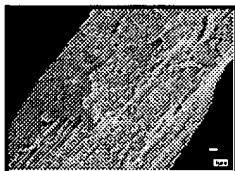
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These search terms have been highlighted: **silicified microcrystalline cellulose starch**

# Stephen J Edge

I am a member of [Professor John Staniforth's Pharmaceutical Technology Research Group](#) in the Department of Pharmacy and Pharmacology here at the University of Bath.

Our particular area of work is fully funded by [Penwest Pharmaceuticals Co.](#) and is principally involved with developing new tableting excipients. This encompasses studying the relationships between the properties and characteristics of materials and how these affect their tableting behaviour. At present, the main thrust of our efforts is concerned with **microcrystalline cellulose**, in particular, **silicified microcrystalline cellulose** but also encompasses other excipients such as **starch** and calcium phosphates. Other team members are [Mike Tobyn](#) and [Fraser Steele](#).



**Silicified microcrystalline cellulose** is a relatively new tableting excipient which is prepared by silicification of **microcrystalline cellulose**. It is available commercially as [Prosolv90™](#) and [Prosolv50™](#) from [Penwest Pharmaceuticals Co.](#)

There are detailed [product descriptions](#) and several [Prosolv Case Studies](#) available. In addition, there are [scientific papers](#) describing the properties and characterisation of the material.



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